Evaluation of LIPA's 2013 Efficiency Long Island (ELI) and Renewable Initiatives

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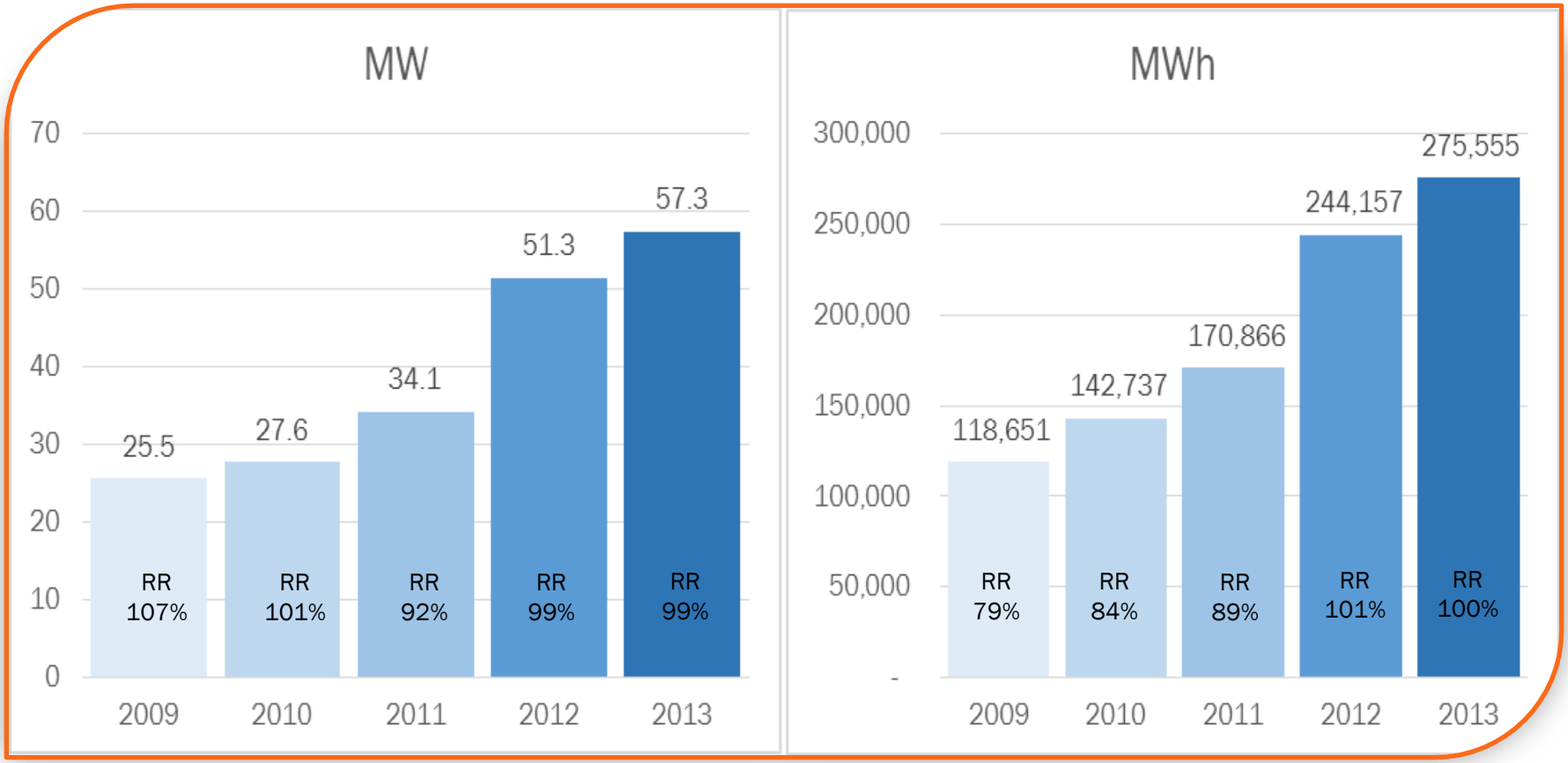
Evaluation Activities Completed

- Impact Assessment
  - Analysis of program tracking data
  - Billing Analysis for Home Performance and Residential Energy Affordability Partnership (REAP)
  - Engineering desk Review of a sample of Commercial Efficiency Program (CEP) Retrofit projects

- Process Evaluation
  - Interviews with Program staff and third party implementation contractors

- Program-specific Research
  - **Energy Efficient Products (Lighting & appliances)**
    - ***In-home Assessment*** – Update lighting saturation and penetration, as well as secondary refrigerators and freezers, and pool pumps
    - ***Room Air Conditioner and Dehumidifier Shelf Survey*** – Determine market availability of standard efficiency and ENERGY STAR rated products and gather retailer feedback regarding the influence of LIPA's rebate program on consumer purchasing behavior and retailer stocking practices
  - **Cool Homes (Residential Air conditioning equipment)**
    - Determine the efficiency of CAC systems installed on Long Island outside of the program within the last three years to help understand the current baseline equipment efficiency as well as gain a better understanding on the early replacement CAC market
  - **ENERGY STAR Labeled Homes (Residential New Constructi**on)
    - Determine program influence on Long Island towns adopting increased codes as well as building the infrastructure to support new construction market to meet or exceed these building codes

ELI Portfolio – 2013 Evaluated MW and MWh Savings

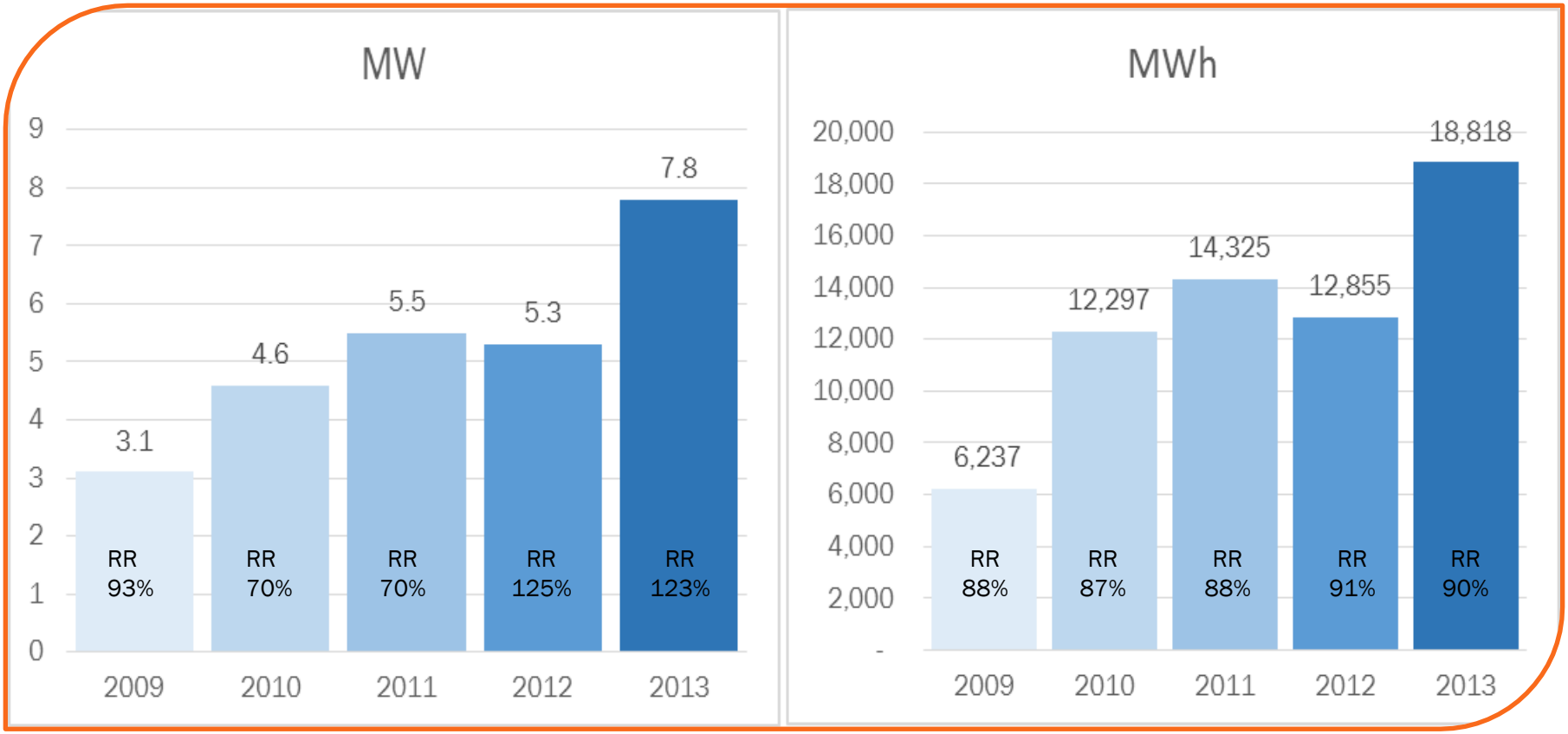


RR – Realization Rate

Cumulative 195.8 MW

Cumulative 951,966 MWh

Renewable Portfolio – 2013 Evaluated MW and MWh Savings



RR – Realization Rate

Cumulative 26.3 MW

Cumulative 64,532 MWh

Evaluation Activities Underway

- Cool Homes Market Characterization Study (Residential central air conditioning)
  - Initial study findings suggested further research consisting of a short survey with CAC contractors in NJ & CT (non-early replacement market)
- TRM comparison for select energy efficient measures
- Incandescent availability in participating stores on Long Island

Upcoming RFP

Schedule

- RFP to be issued by May 31st
- Proposals due June 27th
- Bidder selection by July 18th
- Contract begins August 1st

For previous evaluation reports:

https://www.psegliny.com/page.cfm/AboutUs/CompanyProfile/DocumentLibrary/Reports